

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	785	138/120	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:49
S2	217	166/242.2	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:52
S3	346	(464/18,19,20).ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 12:53
S4	1455	(175/320,325.1,325.5).ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 09:53
S5	1	("6682432").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/11/01 09:54
S6	4	("20020134586"   "4226288"   "5135060"   "5503236").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 09:54
S7	56	138/120 and ((flexible with connector)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:50
S8	10	138/120 and ((flexible with connector) same pipe)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:56
S9	2	166/242.2 and ((flexible with connector) same pipe)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:55
S10	2	(464/18,19,20).ccls. and ((flexible with connector) same pipe)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 11:45
S11	3	(464/18,19,20).ccls. and ((flexible with connector) same drill)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:55
S12	3	(464/18,19,20).ccls. and ((flexible with connector) and drill)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:55
S13	6	166/242.2 and ((flexible with connector) and drill)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:55
S14	0	138/120 and ((flexible with connector) same drill)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:56
S15	2	138/120 and ((flexible with connector) and drill)	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 10:56
S16	1580	((flexible with connector) and drill)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/01 11:46
S17	380	((flexible with connector) and (lateral with bore))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/01 11:48

S18	68	((flexible with connector) and (lateral with bore) and (torque torsion))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/01 11:50
S19	266	((flexible with connector) and bore and ((torque torsion) same ring))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/01 11:59
S20	1	("5421420").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/11/01 11:59
S21	34	("1702757"   "1971480"   "2069603"   "2402238"   "2779570"   "2938710"   "4013134"   "4485879"   "4492276"   "4527637"   "4610307"   "4699224"   "4739842"   "4739843"   "4848486"   "4904228"   "5101915").PN. OR ("5503236"). URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 12:30
S22	157	464/69	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 12:31
S23	2	("0894842").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/11/01 12:30
S24	280	(464/99).ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 13:10
S25	6	"5975208"	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 13:10
S26	4	"5299980"	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 13:10
S27	34	("1377101"   "1557958"   "2869339"   "2888258"   "3068666"   "3071942"   "3074293"   "3150506"   "3390546"   "3527062"   "3844137"   "3917424"   "4203305"   "4449955"   "4472713"   "4645473"   "4690661"   "5041060"   "5062619"   "5069076"   "D201916").PN. OR ("5299980"). URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 13:15
S28	3	(138/120).ccls. and (@PD> "20071015")	US-PGRUB; USPAT; USOCR	OR	ON	2008/07/07 13:33
S29	3	(166/242.2).ccls. and (@PD> "20071015")	US-PGRUB; USPAT; USOCR	OR	ON	2008/07/07 13:35
S30	2	(464/18,19,20).ccls. and (@PD> "20071015")	US-PGRUB; USPAT; USOCR	OR	ON	2008/07/07 13:36
S31	34	(175/320,325.1,325.5).ccls. and (@PD> "20071015")	US-PGRUB; USPAT; USOCR	OR	ON	2008/07/07 13:37

S32	1	(464/69).ccls. and (@PD> "20071015")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 13:45
S33	0	(464/99).ccls. and (@PD> "20071015")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 13:47
S34	19	("3071942"   "3124342"   "3150506"   "3611750"   "3844137"   "4214458"   "4671780"   "4858897").FN. OR ("5041060").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/08 06:55
S35	10	(138/120).ccls. and (@PD> "20080615")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:43
S36	5	(166/242.2).ccls. and (@PD> "20080615")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:48
S37	4	(464/18,19,20).ccls. and (@PD> "20080615")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:51
S38	1	(464/69).ccls. and (@PD> "20080615")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:51
S39	4	(464/99).ccls. and (@PD> "20080615")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:52
S40	38	(175/320,325.1,325.5).ccls. and (@PD> "20080615")	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/31 16:54
S41	4	(138/120).ccls. and (@PD> "20100310")	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 12:28
S42	23	(138/120).ccls. and (@PD> "20090310")	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 12:28
S43	9	(166/242.2).ccls. and (@PD> "20090310")	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 12:31
S44	16	(464/18,19,20,69,99).ccls. and (@PD> "20090310")	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 12:33
S45	65	(175/320,325.1,325.5).ccls. and (@PD> "20090310")	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 12:34
S46	19	("3071942"   "3124342"   "3150506"   "3611750"   "3844137"   "4214458"   "4671780"   "4858897").FN. OR ("5041060").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/29 12:45

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	((drill shaft) and (axial adj load) and ring and links).c.m.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/30 13:00
L2	1	((drill shaft) and ring and (inclined adj links) and connect\$3). c.m.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/30 13:02
L3	1	((drill shaft) and ring and (inclined adj links)).c.m.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/30 13:02

L4	1	((drill shaft) and (axial adj support) and (inclined adj links)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/30 13:03
L5	1	(drilling and (axial adj support) and (inclined adj links)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/30 13:03
L6	1	(drilling and ring and (inclined adj links)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/30 13:03

**6/30/2010 1:03:54 PM**

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